

Pipeline Research Council International

Research Steering Committee and Technical Committee Leadership Joint Meeting



LEADING PIPELINE RESEARCH

Dallas, TX

Agenda

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- **Roles and responsibilities**
- **On Demand funding status**
- **Research ad-hoc report out**
- **SRP funding overview for 2025+**
- **Learning from each other, Reducing reportable incidents**
 - SOM multiple technologies to monitor pipelines and a related strategic roadmap for leak detection, security, geohazard monitoring, reducing third party damage. (Jen)
- **Survey of GEC, RSC, TC Leadership**
- **Knowledge transfer efforts**



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Roles and Responsibilities

Roles and Responsibility – Project Team

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- Identifying the specific scope of work to be performed and desired schedule for an idea submittal or request for proposal (RFP).
- Identifying research contractor(s) to be considered.
- Selecting the successful research contractor.
- Monitoring the contractor's progress.
- Providing subject matter expert (SME) support to the contractor on an as need basis.
- Participating on project team meetings, providing technical guidance as needed.
- Reviewing project status documents and presentations in preparation for project meetings.
- Reviewing presentations prepared for external meetings (e.g., NACE, IPC, ASME, API).
- Voting on draft final deliverables (i.e., reports and “software”) in a timely manner

Roles and Responsibility – Technical Committees

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- **Ensure that Project Teams prepare requests for proposals (RFPs) or other work descriptions and select research providers to accomplish the purpose of each funded project.**
- **Conduct peer review of the research results and make recommendations as to if the results are to be released to the member only.**
- **Execute research projects related to an SRP as directed by the corresponding Strategic Research Priority Steering Committee (SRPSC).**
- **Report to the EA, RSC, and SRPSCs as requested.**
- **Identify Project Team Leaders (TL) on newly executed projects.**
- **Provide general oversight of Project Teams.**

Roles and Responsibility – Technical Committees (2)

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- Responding to industry needs based on Research Objectives set by PRCI's Executive Assembly (EA) and/or Research Steering Committee (RSC) and translating those needs to project level execution plans.
- Assisting in the development and execution of Strategic Research Priorities (SRP).
- Identifying, prioritizing, and progressing standard research project ideas that benefit the industry
- Developing standard research ideas for review and voting by the EA via the Research Bank funding process.
- Developing Research Roadmaps to delineate pathways from high level industry needs down to specific research to be accomplished by PRCI or others to address those needs.

Roles and Responsibility – Technical Committees (3)

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- **Develop ways to transfer the technology developed by the research to its members, and if required the general public, for use.**
- **Where applicable, work to implement the technology developed by the research into commercial products useful to the industry.**
- **Annually assess the success of the TC relative to its objectives and recommend improvements.**
- **Identify examples of successful R&D results implementation and attempt to characterize their value; and**
- **Expand and promote committee membership and participation.**

Roles and Responsibility – Research Steering Committee

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- **Works directly w/ the EA on approval and prioritization of SRPs**
- **Works directly with the TCs leadership to understand funding needs of the approved prioritized research.**
- **Holds the TCs accountable for ensuring that there are established, peer-reviewed research roadmaps to be used as the basis for developing the required allocations for the SRPs.**
- **Provide support to the TCs including the following actions:**
 - Providing holistic approach including activities outside of PRCI and coordination between TCs
 - Help prioritize and find synergies on SRPs
 - Help communication with EA and EB to align objectives
 - Support longer-term investment to assure funding continuity (multi-year research)

Roles and Responsibility – Research Steering Committee (2)

- **Responsible for holistic management of the PRCI research portfolio, with an emphasis on supporting efforts to optimize and efficiently apply human and financial resources**
- **Make recommendations for coordination across TCs, cooperative agreements with other parties, and support efforts to obtain in-kind support and materials**
 - Monitoring the execution of projects to assure timely completion of research
 - Terminate or redirect research that they deem is not progressing or proceeding in the right direction to support PRCI's research objectives and research priorities.
 - Reprogramming funding to and from projects, subject to the limitations of approved PRCI procedures, as they deem necessary and prudent to support PRCI's research objectives and research priorities

Continuing Projects

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- **All multi-year projects, whether developed as an SRP or other research, require an annual review by the RSC to assess the progress, funding requirements, and whether the research is achieving the identified objectives**
 - Is the research well aligned with SRPs, Research Objectives, and consistent with the Roadmap?
 - Is the research adequately supervised?
 - Is the research executable?
 - Is the research execution well marked with clear milestones?
 - Is the research aligned and coordinated with other closely related projects/programs?
 - Is there an alignment of the new research work against Funded SRPs



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On Demand Funding Status

On Demand Status

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- **On roadmap**
 - 37 research ideas
 - 16 funded (43%)
 - 13 off-ramped or deferred (35%)
- **Off roadmap**
 - 12 research ideas
 - 3 still working to get onto the funding portal
 - 8 funded
 - 3 of which are PHMSA

Ideas on Roadmap

Ideas on Roadmap											
Committee	Off-Ramped/Deferred	Alternative Funding	Pending Portal	On Portal	Pending RSC Review	Funded	Not funded, planned	Not funded	Total	% Funded	% In Process or Completed
CORR	0	0	1	1	0	1	0	0	3	33%	67%
CPS	4	1	0	0	0	4	0	1	10	50%	90%
DMC	3	0	0	0	0	3	0	0	6	50%	100%
I&I	5	0	1	0	0	3	1	1	11	27%	91%
MEAS	1	0	1	0	0	1	0	0	3	33%	67%
SBS	0	0	0	0	0	2	0	1	3	67%	100%
SOM	0	0	0	0	0	0	0	0	0	0%	100%
US	0	0	0	0	0	1	0	0	1	100%	100%
	13	1	3	1	0	15	1	3	37	43%	92%

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Off-Roadmap

Ideas not on Roadmap											
Committee	Off-Ramped/Deferred	Alternative Funding	Pending Portal	On Portal	Pending RSC Review	Funded	Not funded, planned	Not funded	Total	% Funded	% In Process or Completed
CORR	0	0	0	0	1	0	0	0	1	0%	0%
CPS	0	0	0	0	0	0	0	1	1	0%	0%
DMC	0	0	0	0	0	0	0	0	0	0%	0%
I&I	0	1	1	0	3	1	0	0	6	33%	0%
MEAS	0	0	2	0	0	1	0	0	3	33%	0%
SBS	0	0	0	0	0	0	0	0	0	0%	0%
SOM	0	0	0	0	0	1	0	0	1	100%	0%
US	0	0	0	0	0	0	0	0	0	0%	0%
	0	1	3	0	4	3	0	1	12	33%	75%

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Research Ad- Hoc Update

Directive

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- 1. An evaluation of the process that we use to identify new research topics/ideas**

Team: John Stoody, Tom Lumadue, Chris Levy, Chris Nowak, Trevor Place

- 2. Evaluation of the timeliness of delivery of final research results**

Team: Chris Nowak, Tom Marlow, Yohann Miglis, Trevor Place, Jake Abes

- 3. An evaluation on how we fund research efforts**

Team: Chris Levy, John Stoody, Len LeBlanc, Simon Slater, Jake Abes

- 4. An evaluation on how do we ensure that our research continues to be the key industry resource – ensuring quality peer review, high quality, ease of application, and adoption?**

Team: Yohann Miglis, Tom Lumadue, Len LeBlanc, Simon Slater, Tom Marlow

Thank you





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Backup

Ideas on Roadmap

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Off-Roadmap

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Ideas not on Roadmap												
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SBS	0	0	0	0	0	0	0	0	0	0%	0%	
SOM	0	0	0	0	0	1	0	0	1	100%	0%	
US	0	0	0	0	0	0	0	0	0	0%	0%	
	0	1	3	0	4	3	0	1	12	33%	75%	